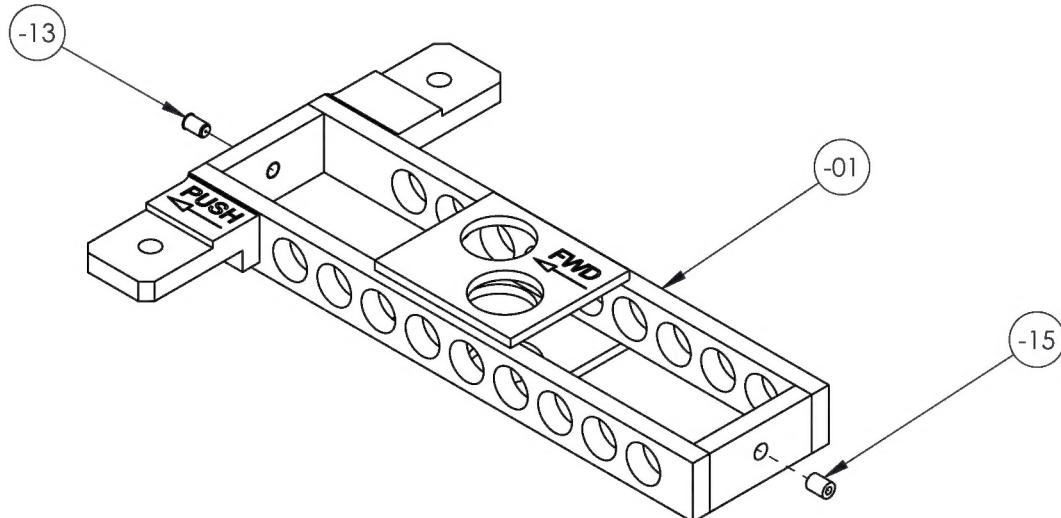


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0225	UPDATED TO NEW DRAFTING STANDARDS. -01 IMPROVED GD&T. CH'D FINISH SPEC WAS MIL-C-81562, TYPE I, CLASS I IS QQ-416F, TYPE II, CLASS II. -03 REMOVED GD&T. CH'D DIM WAS 7.44 IS [7.44]. -05 CH'D DIM WAS .25 IS [.25]. -07 CH'D DIM WAS .12 IS (.12). -09 CH'D DIM WAS .25 IS [.25]. -11 CH'D DIMS WAS .63 IS (.625), WAS 1.00 IS 1.13. ADDED DIM .06 X 45°. DELETED DIMS 1.00, 1.43.	12/22/2014	DPD	JAG
2	15-0290	-01 CH'D DIM 4.250 AND 2X .560 TO BASIC DIMENSIONS, ADDED FEATURE CONTROL FRAME TO 2X Ø.252 THRU DIM, MOVED DATUM B TO Ø.1885 -.1800 V.25 DIMENSION. -05, -07, -09 CH'G MATERIAL WAS 1018 IS A36. -11 CH'G MATERIAL WAS 1018 IS A36, CORRECTED T/N WAS RBT4002810 IS RBT400280.	9/3/2015	RJC	JAG



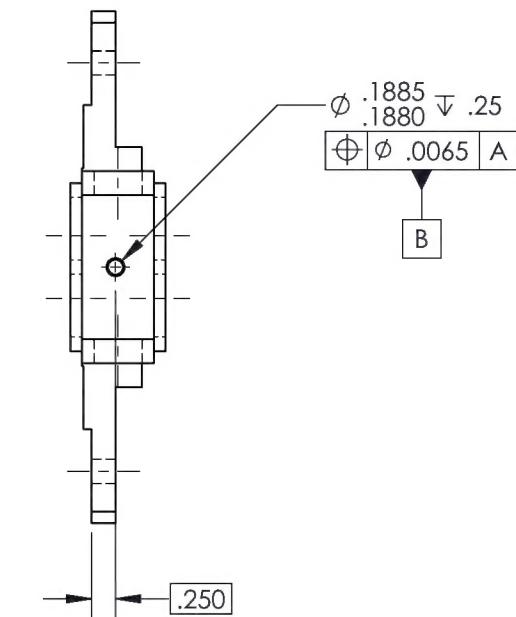
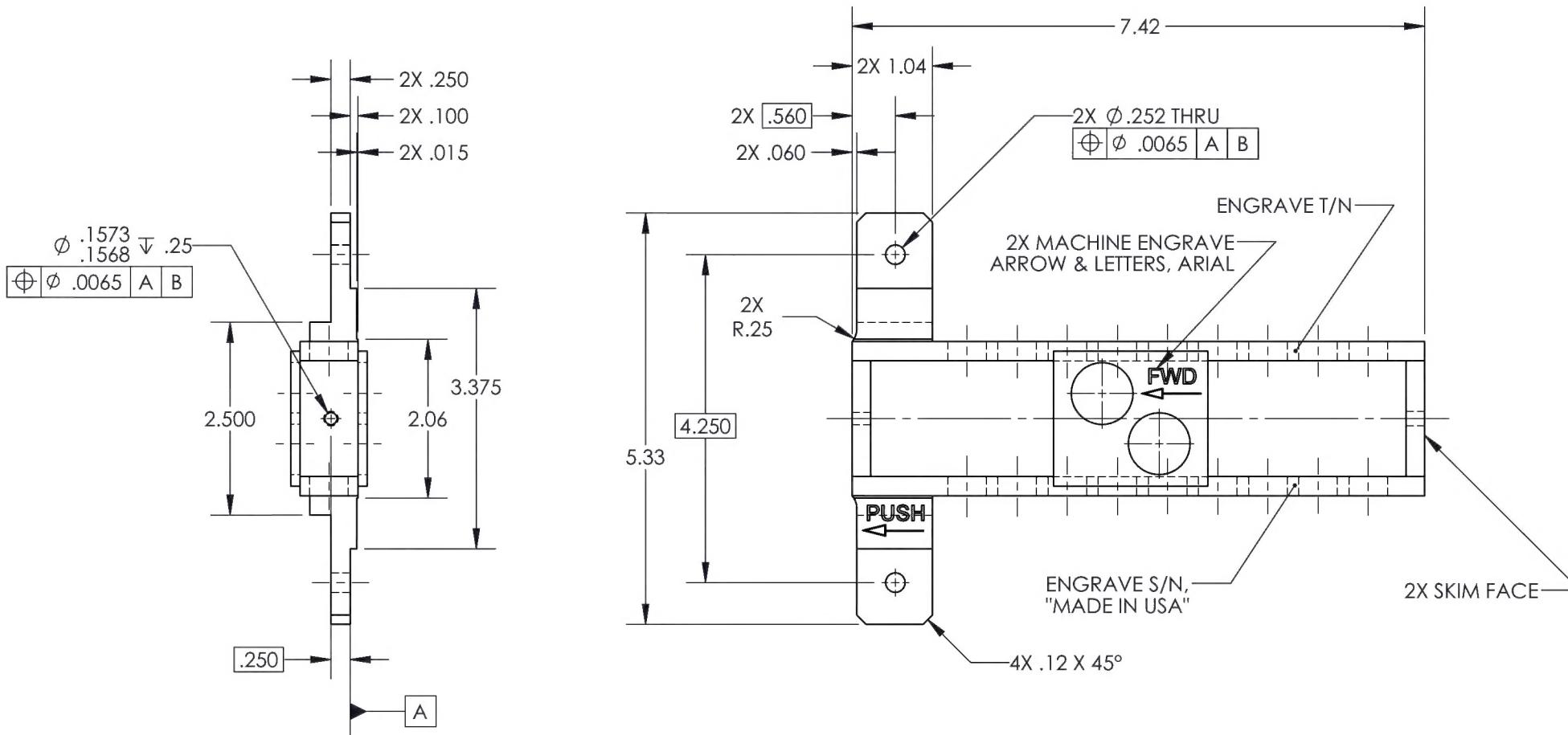
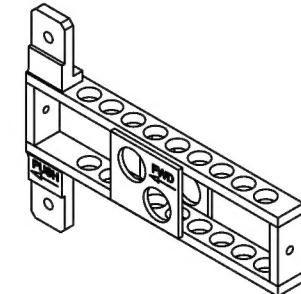
NOTE:  
RBT400280 REPLACES BELL T/N: 412-240-034-101.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-01	1	MACHINED WELDMENT			2
X	1		-03		WELDMENT			3
2			-05		SIDE	A36		4
2			-07		BRACE	A36		5
2			-09		END	A36		6
2			-11		MOUNT	A36		7
	B/O		-13	1	DRILL BUSHING	STEEL	Ø.020 I.D. X Ø5/32 O.D. X 1/4 (CARR-LANE #P-10-4-.0200)	1
	B/O		-15	1	DRILL BUSHING	STEEL	Ø.086 I.D. X 3/16 O.D. X 1/4 (MCMASTER CARR #8491A006)	1
ASSY -03	ASSY -01							

<b>DART AEROSPACE</b>	
TITLE HANGER SIMULATOR	
DWG NO. RBT400280 REV 2	
DRAWN BY: PERRITT	
APPROVED D Weil	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL BELL 412	
SCALE 1:2	DATE 10/19/2009
SHEET 1 OF 7	

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REVISIONS		
REV	ECR	DESCRIPTION
1	14-0225	-01 IMPROVED GD&T. CH'D FINISH SPEC WAS MIL-C-81562, TYPE I, CLASS I IS QQ-416F, TYPE II, CLASS II.
2	15-0290	-01 CH'D DIM 4.250 AND 2X .560 TO BASIC DIMENSIONS, ADDED FEATURE CONTROL FRAME TO 2X Ø.252 THRU DIM, MOVED DATUM B TO Ø.1885 -.1800 ▼.25 DIMENSION.



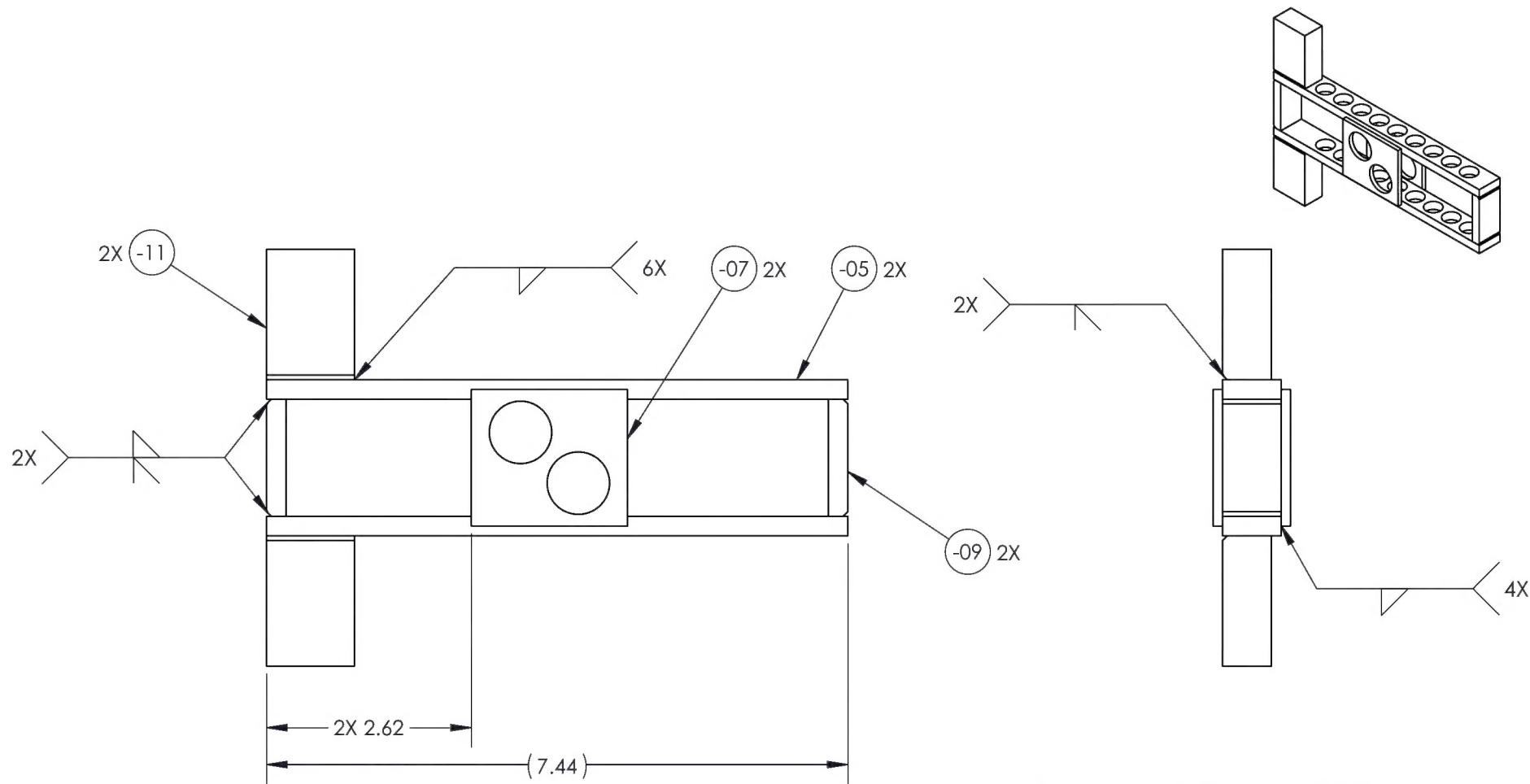
MACHINED WELDMENT

-01

DART AEROSPACE	
TITLE	
HANGER SIMULATOR	
DWG NO.	RBT400280-01
REV	2
MAT'L	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
OR. .015R	
1. BREAK ALL SHARP EDGES .015 X 45°	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
APPROVED D. Weil	
HEAT TREAT	
FINISH CAD PLATE YELLOW	
SPEC QQ-P-416F, TYPE II, CLASS II	
USED ON MODEL	
BELL 412	
SCALE	1:2
DATE	10/19/2009
SHEET	2 OF 7

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REVIEWS			DESCRIPTION			DATE	INITIAL	APPROVED
REV	ECR							
1	14-0225	-03	REMOVED GD&T. CH'D DIM WAS 7.44 IS (7.44).			12/22/2014	DPD	JAG



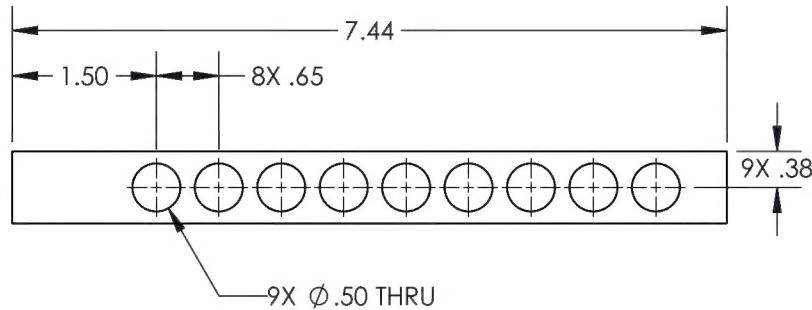
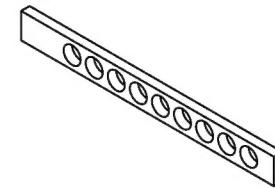
WELDMENT

<b>DART</b> AEROSPACE	
TITLE	
HANGER SIMULATOR	
DWG NO.	RBT400280-03
MAT'L	DRAWN BY: PERRITT
REV 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
BELL 412	
SCALE	1:2
DATE	10/19/2009
SHEET 3 OF 7	

(-03)

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0225	-05 CH'D DIM WAS .25 IS (.25).	12/22/2014	DPD	JAG
2	15-0290	-05 CH'G MATERIAL WAS 1018 IS A36.	9/3/2015	RJC	JAG



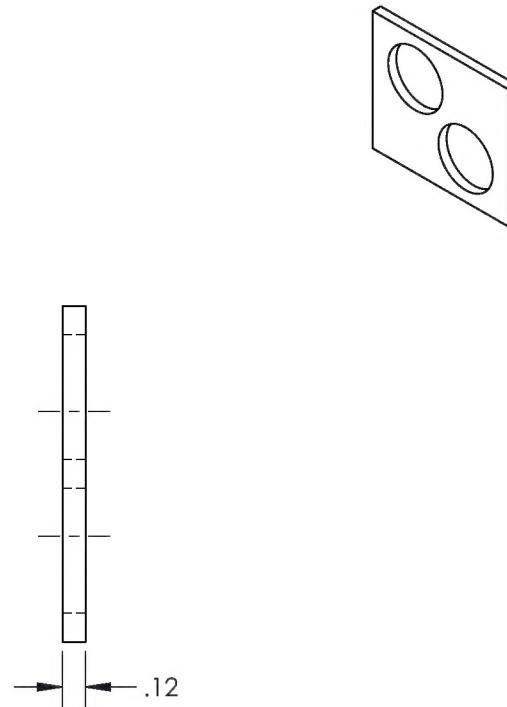
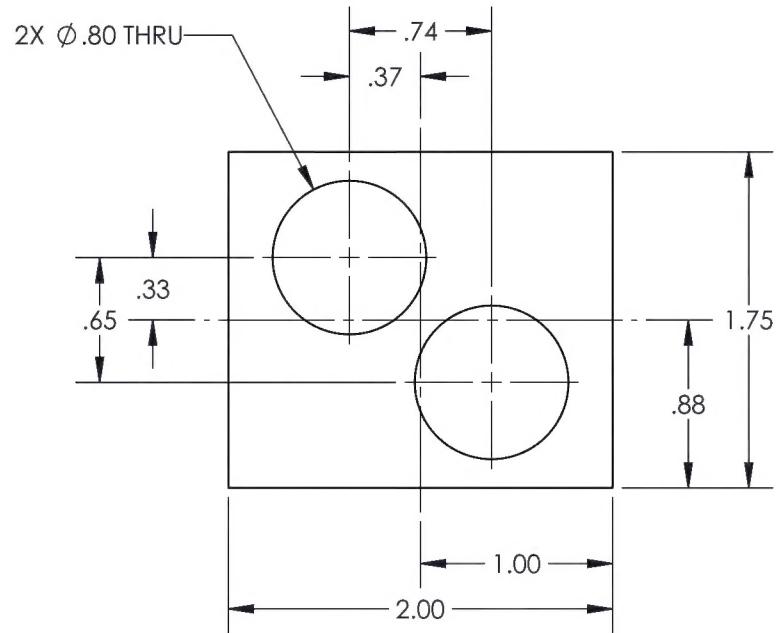
(-05)

SIDE

<b>DART</b> AEROSPACE	
TITLE	
HANGER SIMULATOR	
DWG NO.	RBT400280-05
MAT'L	A36
DRAWN BY:	PERRITT
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
USED ON MODEL	
BELL 412	
SCALE	1:2
DATE	10/19/2009
SHEET 4 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0225	-07 CH'D DIM WAS .12 IS (.12).	12/22/2014	DPD	JAG
2	15-0290	-07 CH'G MATERIAL WAS 1018 IS A36.	9/3/2015	RJC	JAG



(-07)

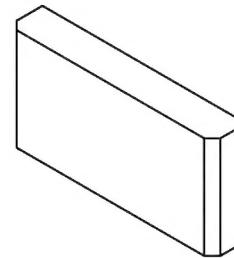
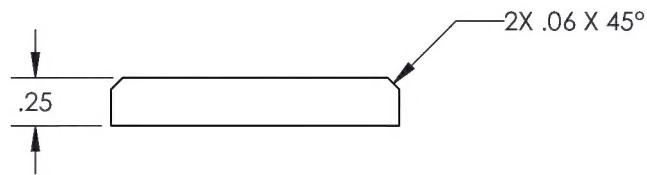
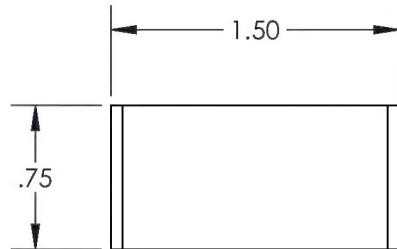
BRACE

<b>DART</b> AEROSPACE	
TITLE	
HANGER SIMULATOR	
DWG NO.	RBT400280-07
MAT'L	A36
DRAWN BY:	PERRITT
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	FRACTIONS ± 1/8
DIMENSIONS ARE IN INCHES	HEAT TREAT
.XXX ± .005	FINISH SEE -01
.XX ± .01	ANGLES ± 5°
X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL BELL 412	
SCALE	1:1
DATE	10/19/2009
SHEET 5 OF 7	

2

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0225	-09 CH'D DIM WAS .25 IS (.25).	12/22/2014	DPD	JAG
2	15-0290	-09 CH'G MATERIAL WAS 1018 IS A36.	9/3/2015	RJC	JAG



(-09)

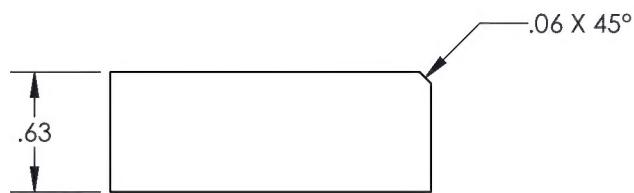
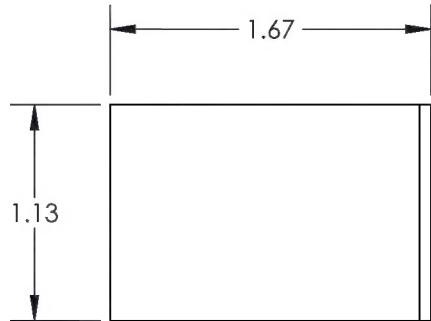
END

<b>DART</b> AEROSPACE	
TITLE	
HANGER SIMULATOR	
DWG NO.	RBT400280-09
MAT'L	A36
DRAWN BY:	PERRITT
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
USED ON MODEL	
BELL 412	
SCALE	1:1
DATE	10/19/2009
SHEET 6 OF 7	

REV  
2

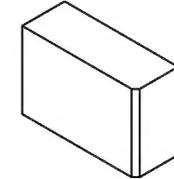
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0225	-11 CH'D DIMS WAS .63 IS (.625), WAS 1.00 IS 1.13. ADDED DIM .06 X 45°. DELETED DIMS 1.00, 1.43.	12/22/2014	DPD	JAG
2	15-0290	-11 CH'G MATERIAL WAS 1018 IS A36, CORRECTED T/N WAS RBT4002810 IS RBT400280.	9/3/2015	RJC	JAG



(-11)

MOUNT



<b>DART</b> AEROSPACE	
TITLE	
HANGER SIMULATOR	
DWG NO.	RBT400280-11
MAT'L	A36
DRAWN BY:	PERRITT
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
X ± .1	SEE -01
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
USED ON MODEL	
BELL 412	
SCALE	1:1
DATE	10/19/2009
SHEET 7 OF 7	